



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

DSI 9577-011
Job Sheet 177701



Ship May 25

Part No: DSI 9577-011

Job Qty: 1 ea

Part Name: Cushion Installation



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/16/18

Job Tracking No:

Due Date: 5/25/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DSI 9577 REV A IPP REV:A 11.11.22 NEW ISSUE DD VERF:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		5/25/18	0.00	0.00	Start Up Stores/Pkg-2	DAS 6:06 3:30	MAY 22 2018
110	Packaging	1 pcs		5/25/18	0.00	0.00	Packaging1-5	DAS 6:06 3:30	MAY 22 2018
120	QC	1 pcs		5/25/18	0.00	0.00	QC4	JB	SMB
130	Packaging	1 pcs		5/25/18	0.00	0.00	Packaging3-2	JB	SMB
135	DC	1 pcs		5/25/18	0.00	0.00	DC		
140	QC21-FG	1 Ea		5/25/18	0.00	0.00	QC21	DAS 21 9:59	MAY 22 2018

Part Op 130 - Identify and pack for shipping as per PPP DSI 9577-011 Location:

Descriptions: 135 - Photocopy blue file and create labels as per PPP DSI 9577-011 chg 001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4404-1	Cushion	1 pcs (1 ea)	90-Start up Operation	3072391
D4404-5	Cushion, Fwd	1 Ea (1 ea)	90-Start up Operation	5057465
D4404-7	Cushion, Upper Side	1 pcs (1 ea)	90-Start up Operation	3072390
D4404-9	Cushion, Lower Side	1 pcs (1 ea)	90-Start up Operation	3072394

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D4404-1	1	0	0
	D4404-5	1	4	0
	D4404-7	1	0	0
	D4404-9	1	0	0

Part Specifications

Specifications could not be found.

Plex 5/16/18 12:26 PM Dart.lajeunesse.marie

3329

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor
		Verification

Root Cause			FAULT CATEGORY		
Environment	☐	No Re-verification	Pressure/Forced	☐	Temperature/Cure
Design	☐	Operator	Bending	☐	Set-up
Doc/Data	☐	Offset/Setup	Centre Not Concentric	☐	BOM/Route
Equip/Tooling	☐	Supplier	Cracks	☐	Broken/Damage/Defect
Handling/Pre	☐	Training	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified
Material	☐	Use for Testing	Cuffs	☐	Contamination
Internal Transport	☐	Poor Information	Crushing	☐	Countersink
Tribal Knowledge	☐	Rushing	Heat Treat	☐	Cut Too Short
LOA	☐	Product Improvement	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear
Substation	☐	Process Improvement	Marks/Chatter	☐	Drill Holes
Past Expiry Date	☐	Manufacturing Process			
Misidentified	☐	Past Due	OTHER :		

DART Aerospace
 Container No: S073053
 Part: DSI 9577 - 011
 Job No: 177701
 Serial No/Batch: S073053
 Revision: A
 Inspector: _____
 Date: 06/22/18
 Coordinator: _____
 Long: _____
 Dimensions: _____
 Tolerance: _____
 Dart Aerospace Ltd.
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 Email: sales@dartaero.com
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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-794 REV. C OR EARLIER AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-794 REV. 2 OR EARLIER

REF. TCCA STC: SH05-4
REF. EASA STC: 10031514
REF. BRAZIL STC: 2002S09-07/-08
REF. AUSTRALIAN STC: ASR063SY

PURPOSE:

TO PROVIDE INSTRUCTIONS THAT ALLOW INSTALLATION OF D4404-1/-5/-7/-9 NEOPRENE CUSHIONS
TO PREVENT THE D4055-041 AUX. FUEL TANK FROM CHAFING IN SERVICE.

CHANGE:

D350-794-011, D130-794-021, AND D350-794-041 KITS AT CHG 005 OR LATER ARE SUPPLIED TO
CUSTOMERS/OPERATORS WITH D4404-1/-5/-7/-9 NEOPRENE CUSHIONS INSTALLED ON D4055-041
AUXILIARY FUEL TANK. CUSTOMERS/OPERATORS WITH D130-794-021 AND D350-794-041 KITS AT
CHG 004 AND EARLIER CAN PROCURE DSI-9577-011 KIT FROM DART TO UPGRADE THEIR KITS.

PARTS LIST:

QTY -011	PART NUMBER	DESCRIPTION
X	DSI-9577-011	CUSHION INSTALLATION
1	D4404-1	CUSHION
1	D4404-5	CUSHION, FWD
1	D4404-7	CUSHION, UPPER SIDE
1	D4404-9	CUSHION, LOWER SIDE

INSTALLATION:

INSTALL THE D4404-1/-5/-7/-9 CUSHIONS IN ACCORDANCE WITH FIGURE 1 OF THIS SERVICE
INSTRUCTIONS AFTER COMPLETING STEP 5.2.8 OF THE ANNUAL/100 HOUR INSPECTION OF ICA-
D350-794 BY APPLYING A THIN, UNIFORM LAYER OF CONTACT CEMENT (3M 1300/1301 SCOTCHGRIP
ADHESIVE OR EQUIVALENT). TRIM TO FIT IF REQUIRED.

WEIGHT AND BALANCE:

THE FOLLOWING TABLE LISTS THE NEW WEIGHT AND BALANCE OF THE -011/-021 KITS AT CHG 005
OR LATER OR AFTER DSI-9577-011 KIT HAS BEEN INSTALLED.

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-794-011 AUXILIARY FUEL TANK (CHG 005) (AS350 MODELS)	32.7 lb 14.8 kg	-22.0 in -0.56 m	-719.4 in-lb -8.29 m-kG	126.0 in 3.20 m	4120.2 in-lb 47.4 m-kG
D130-794-021 AUXILIARY FUEL TANK (CHG 005) (EC130 MODELS)	32.7 lb 14.8 kg	-23.6 in -0.60 m	-771.7 in-lb -8.88 m-kG	126.0 in 3.20 m	4120.2 in-lb 47.4 m-kG

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.10.21
CERT. NO.: SH05-4
ISSUE NO.: 2

A	NEW ISSUE	MB	11.10.04
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9577	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		CUSHION INSTALLATION	NTS
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